

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A medical device, comprising:
a structure comprising a first ceramic fiber comprising a first metalloid, wherein each dimension of the first ceramic fiber is equal to or greater than one micron, and the device is in the form of a stent, a stent-graft, a graft, a medical balloon, or a catheter.
2. (Previously presented) The device of claim 1, wherein the first ceramic fiber further comprises a second metalloid.
3. (Previously presented) The device of claim 1, wherein the first metalloid comprises an element selected from the group consisting of silicon and boron.
4. (Original) The device of claim 2, wherein the first ceramic fiber comprises silicon borocarbonitride.
5. (Previously presented) The device of claim 1, wherein the first ceramic fiber further comprises a non-metallic element.
6. (Cancelled)
7. (Original) The device of claim 1, wherein the first ceramic fiber is at least about five microns long.

8. (Original) The device of claim 1, wherein the first ceramic fiber is from about five microns to about 25,000 microns long.

9. (Original) The device of claim 1, wherein the first ceramic fiber is at least about five microns wide.

10. (Original) The device of claim 1, wherein the first ceramic fiber is from about five microns to about 500 microns wide.

11. (Original) The device of claim 1, wherein the first ceramic fiber extends continuously along an entire length of the device.

12. (Original) The device of claim 1, wherein the first ceramic fiber extends helically about the device.

13. (Original) The device of claim 1, further comprising a second ceramic fiber different from the first ceramic fiber.

14. (Original) The device of claim 1, wherein the structure is a tubular member.

15. (Original) The device of claim 1, in the form of a stent.

16. (Original) The device of claim 1, further comprising a polymer layer carried by the structure.

17. (Original) The device of claim 1, in the form of a graft, a medical balloon, or a catheter.

18. (Original) The device of claim 1, further comprising a therapeutic agent.
19. (Previously presented) A medical device, comprising:
a structure comprising
a ceramic fiber; and
a non-ceramic fiber, wherein the ceramic fiber is intertwined with the non-ceramic fiber, and the device is in the form of a stent, a stent-graft, or a graft.
20. (Original) The device of claim 19, wherein each dimension of the ceramic fiber is equal to or greater than one micron.
21. (Original) The device of claim 19, wherein the non-ceramic fiber comprises stainless steel.
22. (Original) The device of claim 19, wherein the non-ceramic fiber comprises a nickel-titanium alloy.
23. (Original) The device of claim 19, wherein the ceramic fiber is knitted with the non-ceramic fiber.
24. (Original) The device of claim 19, wherein the ceramic fiber is woven with the non-ceramic fiber.
25. (Original) The device of claim 19, wherein the ceramic fiber comprises a therapeutic agent.
26. (Cancelled)

27. (Previously presented) A medical device, comprising:
a structure comprising
a mixture including a polymer and ceramic fibers, each dimension of the fibers
being equal to or greater than one micron,
wherein at least one of the ceramic fibers comprises a metalloid.
28. (Original) The device of claim 27, wherein the ceramic fibers are at least about
five microns long.
29. (Original) The device of claim 27, wherein the ceramic fibers are from about five
microns to about 25,000 microns long.
30. (Previously presented) A medical device, comprising:
a structure comprising
a first layer comprising a polymer; and
a second layer comprising a ceramic fiber comprising a metalloid.
31. (Original) The device of claim 30, wherein the first layer comprises a therapeutic
agent.
32. (Original) The device of claim 30, wherein the ceramic fiber is knitted, woven, or
braided.
33. (Previously presented) A medical device, comprising:
a tubular structure; and
a polymer element on the tubular structure, wherein the polymer element comprises a
ceramic fiber comprising a metalloid and each dimension of the ceramic fiber is equal to or
greater than one micron.

34. (Original) The device of claim 33, in the form of a stent-graft.
35. (Original) The device of claim 33, wherein the ceramic fiber is from about ten microns to about 1,000 microns long.
36. (Original) The device of claim 33, wherein the ceramic fiber is from about ten microns to about 100 microns long.
37. (Original) The device of claim 33, wherein the ceramic fiber is from about one micron to about 50 microns wide.
38. (Original) The device of claim 33, wherein the ceramic fiber is about ten microns wide.
39. (Original) The device of claim 33, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 500:1.
40. (Original) The device of claim 33, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 200:1.
- 41-45. (Cancelled)
46. (Previously presented) The device of claim 1, in the form of a stent-graft.
- 47-50. (Cancelled)